

ABSTRACT OF THE DISCLOSURE

A dual panel type organic electroluminescent device includes first and second substrates bonded together by a seal pattern, the first and second substrates including a plurality of sub-pixel regions, a plurality of array elements including a plurality of thin film transistors on the first substrate, a plurality of organic electroluminescent diodes on the second substrate, each of the organic electroluminescent diodes having a first electrode on a rear surface of the second substrate, an organic electroluminescent layer on a rear surface of the first electrode, a second electrode on a rear surface of the organic electroluminescent layer that corresponds to respective ones of the sub-pixel regions, a plurality of connecting electrodes connected to the thin film transistors over the first substrate, a plurality of electrical connecting patterns formed on each of the connecting electrodes, each of the electrical connecting patterns electrically interconnecting each of the thin film transistors to one of the organic electroluminescent diodes, and a plurality of hygroscopic patterns formed on portions of the connecting electrodes.